



# ECONEWS

January 2000

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## Surf for Jobs

By Rachel Brock

**H**ave you been hanging around these parts for the last half decade or longer? Do you sometimes imagine a life that doesn't involve quarterly telephone registration or discounts on movie tickets? Did a significant number of your so called "loved ones" receive you over the break with the merry holiday greeting "So, when are you going to get a REAL job? If you answered yes to these questions, this Econews article is for you. It's The Econews Half-hearted Guide to Finding A Job (TEHGFAJ, pronounced "teg-faj" - the h is silent), the perfect guide for those of you who are ready to start looking for a job but aren't ready to actually get one. TEHGFAJ is a list of internet websites that have ecology job postings you can browse. With TEHGFAJ, you can spend hours "actively" looking for a job without leaving the comfort of your own computer. So "surf's up," here are some sites to get your cyber-job search off the beach

If you want to be an academic when you grow up, **The Ecological Society of America (ESA)** website (<http://esa.sdsc.edu/jobs.htm>) is a good place to start. It has loads of prestigious ecology jobs including tenure track professorships, research jobs, and post-docs. **Science Magazine On-line** (<http://recruit.sciencemag.org/jobsearch.dfl>) has similar offerings with a deluxe search set up that lets you peruse the last 2 months of Science classified job postings by keyword, discipline, type

of institution, position, and location. **Chronicle of Higher Education** (<http://jobs.chronicle.com>) is another site that gives the impression that academic jobs grow on trees. They have faculty and administrative job listings as well as community college and distance learning jobs, plus listings for positions completely outside of academia. The Chronicle also has the Ms. Mentor advice column where you can glean answers to common academic career questions like (1) "should I invite the entire department to my wedding" (Yes, and don't forget the secretaries and their spouses) and (2) "are professors real human beings?" (depends on how you define your parameters for "real"). If you sign up at Science Magazine on-line or the Chronicles of Higher Education, they will very nicely send updates of new jobs directly to your e-mail. **Nature** ([www.nature.com/jobs/index.html](http://www.nature.com/jobs/index.html)) seems to have a similar job search site to the one at Science Magazine On-line. If I could get to the Nature site without my whole computer freezing solid and spluttering pessimistic error messages, I'd tell you more about it. **Earthworks** (<http://ourworld.compu>

[serve.com/homepages/eworks](http://serve.com/homepages/eworks)) is a smaller website that has a few off beat academic-ish job postings. Current postings include a full professorship at the University of Nijmegen (say it 10 times fast) and, for those interested in something farther abroad, there is an advertisement for NASA Planetary Biology Internships.

If the Ivory Tower is not your dream home, you might want to swim the moat and check out government job offerings. Federal government biology jobs are neatly centralized at **USA jobs** ([www.usajobs.opm.gov](http://www.usajobs.opm.gov)). This official government job site lets you search by position, education level, location and salary. I did a little search for biologists with advanced degrees and the site turned up 72 jobs. Granted, a significant chunk of these fall into the dreary, roll-out-the-red tape, paper pushing, government minion category, but some looked research related and/or interesting. State jobs don't seem to be as organized to one site. However, a few current state jobs and links to other state departmental employment pages can be found at the **California State Personnel Board** website (<http://www.spb.ca.gov>). Departments linked to this

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site that hire ecologists and biologists include **The California Department of Fish and Game** ([www.dfg.ca.gov/hrb/JobswithDFG.htm](http://www.dfg.ca.gov/hrb/JobswithDFG.htm)), California Department of Parks and Recreation, Water Resources, Toxic Substance Control, Forestry, Food and Agriculture, Environmental Protection, California Conservation Corp. Coastal Conservancy, and Air Resources.

If you are considering a career with the dark side, there are many sites that list jobs for environmental consultants (i.e. **On-line Environmental Services** (<http://www.onsite-inc.com/oes/>), and **ENDS Environmental Data Services** in the-UK. **The National Registry of Environmental Professionals** ([www.nrep.org/jobbank.htm](http://www.nrep.org/jobbank.htm)) list many acronym intensive job descriptions (i.e. NEPA, EIS, CEQA, FONSI etc.). You can post your CV at this site for potential employers or psychologically deranged cyber-stalkers to find out all about you. The site also has links to headhunters who actually specialize in finding jobs for environmental professionals just like you.

Sites that list consulting jobs, often list jobs with non-governmental conservation organizations as well. Some of these NGO job descriptions are quite worth checking out as they read like ecotourism getaway packages with a salary. For example, see **Environmental Career World's** ([www.environmental.jobs.com](http://www.environmental.jobs.com)) World Wildlife Fund positions, "bird watching in Maui" - now that is more like it! Environmental Career world also has an extensive list of links to individual consulting firm and environmental NGO websites that post internal job vacancy information. Some other consulting/NGO job sites include **Environmental Employment Pages** ([www.datacor.com/jobfair/environment/home.html](http://www.datacor.com/jobfair/environment/home.html)), and **Ejobs** ([www.ejobs.org](http://www.ejobs.org)).

Some of the more general ecology/environmental job posting sites like **Jobseeker** ([www.tomah.com/jobseeker](http://www.tomah.com/jobseeker)), or **Environmental Career Opportunities** ([www.ecojobs.com/ecology.html](http://www.ecojobs.com/ecology.html)) try to sell you subscriptions to their newsletters. They try to lure in subscribers with a few job posting teasers that they let you read without coughing up your credit card.

They probably post the best jobs as bait, so it might save you money and time to just surf the freebies instead of actually enrolling as a legitimate subscriber. This week's free offerings include a posting for a directorship at an environmental learning center in cozy Finland, or a visiting professorship at the celebrated College of Wooster (Woo Woo Wooster!).

Speaking frankly, many of the jobs listed at the general environmental job sites suck. These are pitiful paying, intellectually barren jobs more suited to punishing low grade juvenile delinquents than advancing fulfilling careers in science. Call me a snob, but I pray that upward of twenty-two years of formal education makes us over-qualified for the position of "Trail Cutter" or "Camp Shushwap Nature Walk Counselor." If this is what is in store for us career wise, then maybe I should change the title of this article from "surf for jobs" to "jobs for serfs" (ha ha ha ...good one).

Some lesser ecology job sites can be found tucked away in cyber-crawl space. A general search for "ecology jobs" turns up sites that typically feature a brief list of job postings most of which expired circa 1997. However, these sites invariably also have a few current postings that sound sort of good, so you might not want to dismiss them entirely. For example, see **SER Employment Noticeboard** ([www.ser.org/bbs/](http://www.ser.org/bbs/)) or search for job posting boards associated with university ecology and biology departments (i.e. UC Berkeley or Guelph's Zoology Department). **The Society of Conservation Biologists** ([www.conbio.rice.edu/scb/jobs](http://www.conbio.rice.edu/scb/jobs)) has some generally outdated postings but, more usefully, it has links to other far superior job posting sites.

There are not only sites that list ecology jobs, there are sites that list sites that list ecology jobs. These summary sites catalogue and briefly describe eco-job postings sites so you can pick and choose the ones best suited to your career aspirations or financial desperation (see **Greenwaves**, "an international portal for ecology" ([www.greenwaves.com](http://www.greenwaves.com)) or **Cyber-Sierra's Natural Resources Job Search** site ([www.cyber\\_sierra.com/](http://www.cyber_sierra.com/)

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[nrjobs /enviro.html](#))). With all these sites and sites of sites, you can spend hours weaving your way through the web. Sifting through all this information is a virtual job in itself. One can just point and click the days away until one suddenly realizes that one's Newsletter is over two weeks late. Enough said. End of topic.

### Something to Think About by Steve Wathen

I came across the following quotation, by SierraClub Executive Director, Carl Pope, in the January/February issue of Sierra Magazine, which some subversive put into my mailbox. I would be interested in hearing what others in the graduate group make of it.

"It seems to me that we not only need a personal commitment to model and practice sustainability, but some fundamentally new concepts of how to embed that ethic in human institutions, which are now global in scale but hopelessly parochial in vision. European and Euro-American societies have developed a series of institutions--nation-states, bureaucracies, universities, corporations, armies, citizen organizations--whose strength is their focus. No surprise, then, that these societies dominate the emerging global economy. The great virtue of their institutions is that they ignore all but a fraction of the consequences of their actions. This allows them to move quickly, decisively, and creatively. They can exploit "opportunities"--many of which, of course, turn out to be opportunities to take advantage of others: other competitors, other societies, other species, other generations. The exploitative temperament may be deeply embedded in human DNA by evolution. But in individuals there are powerful countervailing forces--empathy, altruism, solidarity, love, spirituality, discipline--that enable each of us to grow, to be mindful rather than single-minded, and to behave sustainably and ecologically. Yet we lack any vision of how we can foster a countervailing "mindfulness" within modern institutions."



**JANUARY & FEBRUARY  
ECO-EVENTS  
CALENDAR**

**Jan 18, 2000 (Tue):**

Carcinogen Induced Deletions In Vitro and In Vivo -Acute and Persistent Effects Robert H. Schiestl, Harvard School of Public Health Where: Foster Room, Meyer Hall When: 4-5 pm

**Jan 19, 2000 (Wed):**

"Needles in a haystack: Identifying proteins that make hair cells unique" Janet Cyr, Oregon Hearing Research Center, Oregon Health Sciences University Where: Center for Neuroscience, 1544 Newton Ct., Research Park, UCD When: 4:00 pm

Scaling from individuals to ecosystems Simon Levin, Princeton University, Dept. of Ecology and Evolutionary Biology Where: 2201 Academic Surge Bldg. When: 4:15 pm

Strawberry on Chips: From Gene Expression to Metabolic Pathways Asaph Aharoni, CPRO, Wageningen, The Netherlands Where: 2124 Wickson Hall When: 12:10 pm - 1:00 pm

Whome Genome Analysis of the Three Kingdoms Reveals Extensive Horizontal Gene Transfer. Mike syvanen, Medical Microbiology and Immunology, UC Davis Where: Room 115 Hutchison Hall When: 4:10 p.m.

**Jan 20, 2000 (Thu):**

Sage Advice. Lessons from Nature about the Biosynthesis of Irregular Terpenes Dr. Dale Poulter, Department of Chemistry, University of Utah Where: 1022 Life Sciences Addition When: 4:00 p.m.

Comparative demography and genetics of Florida scrub plants Eric Menges, Archbold Biological Station Where: 2 Wellman Hall When: 4:10-5:30 p.m.

TBA Dr. Rolf Renne, Case Western Reserve University Where: UCDCM Cancer Center auditorium, 4501 X Street, Sacramento When: 9-10 a.m.

**Jan 21, 2000 (Fri):**

A review of population viability analyses for plants. ERIC MENGES 11:00 am to 12:00 noon, 2124 Wickson Hall

A methodology for the objective study of mental illness in animals, and why it matters. Joseph Garner, Animal Science, UCD Where: 1022 LSA When: 12:10 p.m.

Hormonal Responses in Cereal Aleurone Russell Jones, UC Berkeley Where: 1150 Hart Hall When: 12:10 PM

Genetic architecture of barriers to gene flow in annual sunflowers: evolutionary, agricultural, and conservation implications Loren Riesberg Where: 241 Hunt Hall When: 12:10 pm

**Jan 24, 2000 (Mon):**

Mechanistic Issues in Arsenic Carcinogenicity John R. Froines, UCLA Where: 1204 Haring Hall When: 4-5 pm

Research for livestock on grazing lands Wolfgang Pitroff, Department of Animal Science Where: Weir Room (2154 Meyer Hall) When: 12:10 p.m.

The evolution of sex differences in parasite susceptibility Marlene Zuk, Department of Biology, UC Riverside Where: Hutchison Hall Room 102 When: 4:10

Nutritional Improvement and Evaluation of Plant Foods: Applying Plant Science to Human Nutrition Concerns Michael A. Grusak, Ph.D., USDA/ARS Where: 2154 Meyer Hall When: 4:10 p.m.

Action of Di-(2-ethylhexyl) Phthalate on Neonatal Rat Testis Ling-Hong Li, OEHHA, Cal EPA. Where: 1204 Haring Hall When: 4:00 - 5:00 pm

**Jan 26, 2000 (Wed):**

Optimization Problems in Internet Congestion Control Dick Karp, UC Berkeley, Computer Science Where: 1113 Academic Surge Bldg. When: 4:15 pm

"Pseudomonas aeruginosa: a master manipulator of eukaryotic cells" Joanne N. Engel, Depts. of Medicine & Microbiology & Immunology, UC San Francisco Where: Room 115 Hutchison Hall When: 4:10 p.m.

"The evolution of paradise and the origins of agriculture in fungus-growing ants (Attini: Formicidae)" Ulrich Mueller, Integrative Biology, Patterson Laboratories, University of Texas, Austin, Texas Where: 122 Briggs Hall When: 4:10 p.m.

**Jan 27, 2000 (Thu):**

Modeling and management of endangered species: matching the model to the data Larry Crowder, Duke University Where: 2 Wellman Hall When: 4:10-5:30 p.m.

Temporal and Spatial Signalling by a Calcium-dependent Protein Kinase Dr. Howard Schulman, Department of Neurobiology, Stanford University Where:

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1022 Life Sciences Addition When: 4:00 p.m.

**Jan 28, 2000 (Fri):**

The ecology of fishes in southeastern estuaries: experiments, models and hurricanes LARRY CROWDER 11:00 am to 12:00 noon, 2124 Wickson Hall

Functional Genomics of Plant Stress Tolerance Hans Bohnert, University of Arizona Where: 1150 Hart Hall When: 12:10 PM

Improving Precipitation Use Efficiency and Soil Quality in Dryland Agroecosystems Gary Peterson, Colorado State Where: 241 Hunt Hall When: 12:10 pm

Teaching language to a chimp Allen Gardner, University of Nevada, Reno Where: 1022 LSA When: 12:10 p.m.

**Jan 31, 2000 (Mon):**

Arsenic and Chromium as Essential Trace Elements, Human Carcinogens and Chemotherapy Agents Joshua W. Hamilton, Dartmouth University Where: 1204 Haring Hall When: 4-5 pm

"Human Evolution: The Biology and Culture of Race" Todd Disotell, Department of Anthropology, New York University Where: 217 Art When: 4:10-6:00pm

Manipulation of protein metabolism in ruminants: A basic and applied approach. Hussein S. Hussein, School of Veterinary Medicine, University of Nevada, Reno Where: Weir Room (2154 Meyer Hall) When: 12:10 p.m.

Evidence for a role of the N terminus and LRR region of the product of the nematode resistance gene Mi from tomato in regulation of cell death Chin-Feng Hwang, CEPRAP postdoctoral scientist, UC Davis Where: Hutchison Hall Room 102 When: 4:10

**Feb 2, 2000 (Wed):**

Dynamics of neural activity in movement disorders Jose Hurtado, UC Davis, Center for Neuroscience Where: 2201 Academic Surge Bldg. When: 4:15 pm

*February EGSA Meeting 5:30 in Wickson*

**Feb 3, 2000 (Thu):**

Saturated chain gangs: Organization of proteins and lipids in novel cholesterol- and sphingolipid-rich membrane domains Dr. Deborah Brown, Department of Biochemistry and Cell Biology, SUNY at Stony Brook Where: 1022 Life Sciences Addition When: 4:00 p.m.

Science of conservation biology Mart Gross, University of Toronto Where: 2 Wellman Hall When: 4:10-5:30 p.m.

"Role of Neurotrophins in Visual Development: Do We Really Learn to See?" Lamberto Maffei, M.D., Institute of Neurophysiology, Pisa, Italy Where: Center for Neuroscience, 1544 Newton Ct., Research Park When: 4:00 pm

**EGSA Happy Hour @ the GST Pub 5:30 pm**

**Feb 4, 2000 (Fri):**

Phenotypic plasticity and the conditional strategy MART GROSS 11:00 am to 12:00 noon, 2124 Wickson Hall

Reseeding the Green Revolution: Limits to Crop Yield Thomas Sinclair, US Department of Agriculture Where: 241 Hunt Hall When: 12:10 pm

Social control of the brain: How do conspecifics regulate each other? Russell Fernald, Stanford University Where: 1022 LSA When: 12:10 p.m.

Fast-Growing and Slow-Growing Herbaceous Plants, from Nutrient-rich Versus Nutrient-poor Habitats: Photosynthesis, Root Respiration, Allocation and Nitrate Uptake Hans Lambers, University of Western Australia Where: 1150 Hart Hall When: 12:10 PM

**Feb 7, 2000 (Mon):**

Cell polarity and division orientation in *C. elegans* embryos Lesilee Rose, Molecular and Cellular Biology, UC Davis Where: Hutchison Hall Room 102 When: 4:10

Pathological and Potential Physiological Functions of Cytochrome P4501B1 Colin R. Jefcoate, University of Wisconsin Where: 1204 Haring Hall When: 4-5 pm

What does mitochondrial DNA typing tell us about matrilineages in horses: Sorting out fact and fiction. Ann Bowling, Veterinary Genetics Laboratory, School of Veterinary Medicine Where: Weir Room (2154 Meyer Hall) When: 12:10 p.m.

**Feb 8, 2000 (Tue):**

Navigating the Emotional Stress of Completing a Ph.D. 12-2 pm in 3201 Hart Hall

**Feb 10, 2000 (Thu):**

Species interactions, community structure, and the response of communities to environmental fluctuations. Tony Ives,

University of Wisconsin Where: 2 Wellman Hall When: 4:10-5:30 p.m.

Function and Regulation of TAK (HIV Tat-Associated Kinase) Dr. Andrew P. Rice, Department of Molecular Virology and Microbiology, Baylor College of Medicine Where: 1022 Life Sciences Addition When: 4:00 p.m.

Neural basis of monogamy and parental behavior in voles Thomas Insel, Emory University Where: 1022 LSA 12:10 p.m.

**Feb 11, 2000 (Fri):**

Host-parasitoid interactions between the pea aphid and its parasitoid, *Aphidius ervi* TONY IVES 11:00 am to 12:00 noon, 2124 Wickson Hall

Grassland, the Heart of Ireland's Dairy Industry Barbara Reed Where: 241 Hunt Hall When: 12:10 pm

Nitric Oxide- and Salicylic Acid-Mediated Signal Transduction in Plant Disease Resistance Dan Klessig, Rutgers University Where: 1150 Hart Hall When: 12:10 PM

**Feb 14, 2000 (Mon):**

P450 Epoxigenases and Epithelial Differentiation Diane S. Keeney, Vanderbilt University Where: 1204 Haring Hall When: 4-5 pm

Phenotypic and molecular genetic analysis of resistance gene analogs from cereal cyst nematode R gene loci in wheat and its relatives Stuart Seah, Department of Nematology postdoctoral scientist, UC Davis. Where: Hutchison Hall Rm 102 When: 4:10

**Feb 16, 2000 (Wed):**

"Insect molt-ecdysis triggering or eclosion: A tale of two hormones" Sarjeet Gill, Department of Neuroscience, University of California, Riverside, Where: 122 Briggs Hall When: 4:10 p.m.

**Feb 17, 2000 (Thu):**

Gene trees, linkage disequilibrium and gene mapping Dick Hudson, University of Chicago Where: 2 Wellman Hall When: 4:10-5:30 p.m.

p63 - A New Guardian of the Genome? Dr Volker Doetsch, Department of Pharmaceutical Chemistry, UC San Francisco Where: 1022 Life Sciences Addition When: 4:00 p.m.

**Feb 18, 2000 (Fri):**

TBA DICK HUDSON 11:00 am to 12:00 noon, 2124 Wickson Hall

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ABA Signal Transduction in Guard Cells: from Mass Spectrometry to Electrophysiology Sally Assman, Penn State University Where: 1150 Hart Hall When: 12:10 PM

Interplay between floral fragrances, pollination and bees Heidi Dobson, Whitman College Where: 241 Hunt Hall When: 12:10 PM

Behavioral and physiological correlates of personality in adult male rhesus monkeys John Capitanio, UC Davis Where: 1022 LSA When: 12:10 p.m.

**Feb 22, 2000 (Tue):**

A Novel Step Involved in the Immortalization of Human Mammary Epithelial Cells Martha R. Stampfer, Lawrence Berkeley Lab Where: Foster Room, Meyer Hall When: 4-5 pm

Successfully Passing Your Qualifying Exams and Choosing a Dissertation Topic. 12-2pm in 3201 Hart Hall

**Feb 23, 2000 (Wed):**

"Cooperation with non-relatives: Wasps and cellular slime molds" David Queller, Department Ecology & Evolution, Rice University, Houston, Texas Where: 122 Briggs Hall When: 4:10 p.m.

Nonlinear Disturbances in Boundary Layers Oleg Rhyzov, UC Davis, Mechanical and Aeronautical Engineering Where: 2201 Academic Surge Bldg. When: 4:15 pm

**Feb 24, 2000 (Thu):**

What was natural in the oceans? Jeremy Jackson, University of California, San Diego Where: 2 Wellman Hall 4:10-5:30 p.m.

**Feb 25, 2000 (Fri):**

Pulses of speciation and extinction in the sea JEREMY JACKSON 11:00 am to 12:00 noon, 2124 Wickson Hall

Rotation of Wetlands with Agriculture to Produce Benefits for Wildlife and Crops Harry Carlson, DANR Facility Planning and Management Where: 241 Hunt Hall 12:10

**Feb 28, 2000 (Mon):**

PCBs and Endothelial Cell Dysfunction: Implications in Atherosclerosis Bernhard Hennig, University of Kentucky Where: 1204 Haring Hall When: 4-5 pm

"Genes, Behavior, and Baboons" Clifford Jolly, Department of Anthropology, New York University Where: 217 Art When: 4:10-6:00pm